

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Vincent J. Messina et al.

Serial No.: 10/785,213

Filed: February 24, 2004

Title: System and Method for Detecting and Reporting Fabrication Defects Using  
a Multi-Variant Image Analysis

Attorney Docket No.: 09854-00002

Group Art Unit: 2624

Confirmation No.: 8808

Examiner: Gregory M. Desire

Commissioner for Patents  
Alexandria, VA 22313-1450

July 11, 2008

**AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION ON THE MERITS**

This is in response to the Office Action (paper no. 20080410) mailed from the United States Patent and Trademark Office on April 15, 2008, with respect to the above-identified application.

A **Status of the Claims** starts on the following page 2.

**Remarks** concerning the Office Action start on the following page 9.